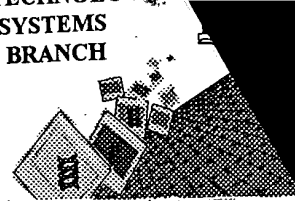


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101085, 783  
Source: OPE  
Date Processed by STIC: 12/10/02

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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OIPPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/085,783

DATE: 12/10/2002

TIME: 14:42:55

Input Set : D:\US\_10\_085783\_Sequence\_Listing.txt

Output Set: N:\CRF4\12102002\J085783.raw

4 <110> APPLICANT: ChondroGene Inc.  
 5 C.C.Liew, H.Zhang, W.Marshall  
 7 <120> TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis  
 9 <130> FILE REFERENCE: 4231/2002  
 11 <140> CURRENT APPLICATION NUMBER: US 10/085,783  
 12 <141> CURRENT FILING DATE: 2002-02-28  
 14 <150> PRIOR APPLICATION NUMBER: US 60/305,340  
 15 <151> PRIOR FILING DATE: 2001-07-13  
 17 <150> PRIOR APPLICATION NUMBER: US 60/275,017  
 18 <151> PRIOR FILING DATE: 2001-03-12  
 20 <150> PRIOR APPLICATION NUMBER: US 60/271,955  
 21 <151> PRIOR FILING DATE: 2001-02-28  
 23 <160> NUMBER OF SEQ ID NOS: 58994  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

895340 <210> SEQ ID NO: 58993  
 895341 <213> ORGANISM: Artificial Sequence  
 895343 <221> NAME/KEY: misc\_feature  
 895344 <222> LOCATION: 1...31  
 W--> 895345 <220> FEATURE: *missing mandatory <220>*  
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 895351 <210> SEQ ID NO: 58994  
 895352 <213> ORGANISM: Artificial Sequence  
 895354 <221> NAME/KEY: misc\_feature  
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 895356 <223> OTHER INFORMATION: Synthetic primer  
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 E--> 895358 <400> SEQUENCE: 58994  
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## VERIFICATION SUMMARY

DATE: 12/10/2002

PATENT APPLICATION: US/10/085,783

TIME: 14:44:03

Input Set : D:\US\_10\_085783\_Sequence\_Listing.txt

Output Set: N:\CRF4\12102002\J085783.raw

L:524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
L:780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:180  
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0  
L:1453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:240  
L:1669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140 after pos.:0  
L:1834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:0  
L:1942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:162 after pos.:0  
L:4451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:386 after pos.:60  
L:4703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:410 after pos.:240  
L:6183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:542 after pos.:180  
L:6718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:590 after pos.:0  
L:6719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:590 after pos.:60  
L:6721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:590 after pos.:180  
L:8034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:705 after pos.:120  
L:9355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:811 after pos.:0  
L:11342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:978 after pos.:240  
L:12192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1052 after pos.:60  
L:12235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1055 after pos.:0  
L:12238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1055 after pos.:180  
L:13052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1123 after pos.:180  
L:13637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1172 after pos.:120  
L:15005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1291 after pos.:0  
L:15479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1332 after pos.:300  
L:15568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1339 after pos.:300  
L:16718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1440 after pos.:0  
L:16766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1444 after pos.:120  
L:18523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1600 after pos.:0  
L:18524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1600 after pos.:60  
L:18525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1600 after pos.:120  
L:19523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1683 after pos.:0  
L:19915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1716 after pos.:60  
L:20394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1758 after pos.:300  
L:23200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2001 after pos.:0  
L:23253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2005 after pos.:0  
L:26317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2274 after pos.:60  
L:28686 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2482  
L:28688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:60  
L:28689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:120  
L:28690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:180  
L:28691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:240  
L:28692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:300  
L:28693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:360  
L:28694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:420  
L:28695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:480  
L:28696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:540  
L:28697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2482 after pos.:600  
L:28784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2490 after pos.:0  
L:28950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2503 after pos.:60

## VERIFICATION SUMMARY

DATE: 12/10/2002

PATENT APPLICATION: US/10/085,783

TIME: 14:44:03

Input Set : D:\US\_10\_085783\_Sequence\_Listing.txt

Output Set: N:\CRF4\12102002\J085783.raw

L:29554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2555 after pos.:0  
L:29931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2586 after pos.:0  
L:31369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2711 after pos.:60  
L:33933 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2932  
L:33940 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2932  
L:33944 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2932  
L:34113 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2944  
L:34120 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2944  
L:34125 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2944  
L:34316 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2959  
L:34321 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2959  
L:115102 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8881  
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L:207321 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15008  
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L:291295 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20754  
L:293010 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20857  
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L:708350 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:47094  
L:719650 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:47917  
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L:742577 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:49517  
L:761573 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:50712  
L:761578 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:50712  
L:771137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51296  
L:771144 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51296  
L:771149 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51296

## VERIFICATION SUMMARY

DATE: 12/10/2002

PATENT APPLICATION: US/10/085,783

TIME: 14:44:03

Input Set : D:\US\_10\_085783\_Sequence\_Listing.txt

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L:780223 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51826  
L:780227 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51826  
L:780497 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:51841  
L:895347 M:282 W: Numeric Field Identifier Missing, <211> is required.  
L:895347 M:282 W: Numeric Field Identifier Missing, <212> is required.  
L:895347 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:58993  
L:895358 M:282 W: Numeric Field Identifier Missing, <211> is required.  
L:895358 M:282 W: Numeric Field Identifier Missing, <212> is required.  
L:895358 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:58994